



BID TABULATIONS

Client: City of West Des Moines
Project: Grand Avenue (South Jordan Creek Parkway to South 88th Street)
Project Number: 0510-056-2018
Bid Date: 5/1/2019, 2 P.M.

					McAninch Corporation P.O. Box 1486 Des Moines, Iowa 50305				Corell Contractor Inc P.O. Box 65430 West Des Moines, Iowa 50265		Shekar Engineering 2600 MLK Jr. Pkwy Suite #200 Des Moines, Iowa 50310	
					ENGINEER'S ESTIMATE							
ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST \$	COST \$	UNIT COST \$	COST \$	UNIT COST \$	COST \$	UNIT COST \$	COST \$
DIVISION 2 - EARTHWORK, SUBGRADE AND SUBBASE												
2.01	2010-108-C-0	CLEARING AND GRUBBING	LS	1	\$15,000.00	\$15,000.00	\$11,730.00	\$11,730.00	\$124,711.00	\$124,711.00	\$26,500.00	\$26,500.00
2.02	2010-108-D-1	TOPSOIL, ON-SITE	CY	12159	\$7.00	\$85,113.00	\$6.28	\$76,358.52	\$6.90	\$83,897.10	\$5.62	\$68,333.58
2.03	2010-108-E-0	EXCAVATION, CLASS 10	CY	3342	\$15.00	\$50,130.00	\$8.84	\$29,543.28	\$3.50	\$11,697.00	\$2.01	\$6,717.42
2.04	2010-108-E-0	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	CY	179886	\$9.00	\$1,618,974.00	\$6.76	\$1,216,029.36	\$9.60	\$1,726,905.60	\$12.51	\$2,250,373.86
2.05	2010-108-G-0	SUBGRADE PREPARATION, 6 IN.	SY	6296	\$2.00	\$12,592.00	\$3.44	\$21,658.24	\$2.00	\$12,592.00	\$1.80	\$11,332.80
2.06	2010-108-G-0	SUBGRADE PREPARATION, 12 IN.	SY	22213	\$3.00	\$66,639.00	\$2.63	\$58,420.19	\$2.50	\$55,532.50	\$2.54	\$56,421.02
DIVISION 4 - SEWERS AND DRAINS												
4.01	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 18 IN. DIA.	LF	871	\$60.00	\$52,260.00	\$70.00	\$60,970.00	\$61.25	\$53,348.75	\$62.54	\$54,472.34
4.02	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 24 IN. DIA.	LF	117	\$75.00	\$8,775.00	\$75.00	\$8,775.00	\$86.00	\$10,062.00	\$77.38	\$9,053.46
4.03	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 30 IN. DIA.	LF	52	\$100.00	\$5,200.00	\$87.00	\$4,524.00	\$107.00	\$5,564.00	\$104.94	\$5,456.88
4.04	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 36 IN. DIA.	LF	2300	\$125.00	\$287,500.00	\$121.00	\$278,300.00	\$102.00	\$234,600.00	\$120.84	\$277,932.00
4.05	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 48 IN. DIA.	LF	162	\$235.00	\$38,070.00	\$174.00	\$28,188.00	\$143.00	\$23,166.00	\$165.36	\$26,788.32
4.06	4020-108-H-1	PRECAST PLUG, STORM SEWER, 24 IN. DIA., RCP CLASS III	EA	1	\$350.00	\$350.00	\$300.00	\$300.00	\$650.00	\$650.00	\$583.00	\$583.00
4.07	4020-108-H-1	PRECAST PLUG, STORM SEWER, 30 IN. DIA., RCP CLASS III	EA	1	\$400.00	\$400.00	\$400.00	\$400.00	\$675.00	\$675.00	\$689.00	\$689.00
4.08	4030-108-A-1	PIPE CULVERT, TRENCHED, RCP, 42 IN. DIA.	LF	240	\$200.00	\$48,000.00	\$153.00	\$36,720.00	\$130.00	\$31,200.00	\$135.68	\$32,563.20
4.09	4030-108-B-0	PIPE APRON, RCP, 36 IN. DIA.	EA	1	\$3,000.00	\$3,000.00	\$2,100.00	\$2,100.00	\$1,900.00	\$1,900.00	\$3,286.00	\$3,286.00
4.10	4030-108-B-0	PIPE APRON, RCP, 42 IN. DIA.	EA	4	\$3,500.00	\$14,000.00	\$2,600.00	\$10,400.00	\$2,800.00	\$11,200.00	\$4,134.00	\$16,536.00
4.11	4030-108-B-0	PIPE APRON, RCP, 48 IN. DIA.	EA	2	\$5,000.00	\$10,000.00	\$2,870.00	\$5,740.00	\$2,900.00	\$5,800.00	\$4,770.00	\$9,540.00
4.12	4030-108-C-0	PIPE APRON FOOTING, RCP, 36 IN. DIA.	EA	1	\$800.00	\$800.00	\$340.00	\$340.00	\$800.00	\$800.00	\$1,007.00	\$1,007.00
4.13	4030-108-C-0	PIPE APRON FOOTING, RCP, 42 IN. DIA.	EA	4	\$1,000.00	\$4,000.00	\$370.00	\$1,480.00	\$960.00	\$3,840.00	\$1,166.00	\$4,664.00
4.14	4030-108-C-0	PIPE APRON FOOTING, RCP, 48 IN. DIA.	EA	2	\$1,200.00	\$2,400.00	\$397.00	\$794.00	\$1,110.00	\$2,220.00	\$1,484.00	\$2,968.00
DIVISION 5 - WATER MAIN AND APPURTENANCES												
5.01	5010-108-A-1	WATER MAIN, TRENCHED, PVC C900 DR18, 8 IN.	LF	167	\$65.00	\$10,855.00	\$26.00	\$4,342.00	\$71.00	\$11,857.00	\$34.98	\$5,841.66
5.02	5010-108-A-1	WATER MAIN, TRENCHED, PVC C900 DR18, 16 IN.	LF	1094	\$115.00	\$125,810.00	\$54.00	\$59,076.00	\$54.50	\$59,623.00	\$56.18	\$61,460.92
5.03	5010-108-A-1	WATER MAIN, TRENCHED, CL52 DUCTILE IRON, 16 IN.	LF	60	\$170.00	\$10,200.00	\$111.00	\$6,660.00	\$225.00	\$13,500.00	\$289.38	\$17,362.80
5.04	5010-108-A-2	WATER MAIN, TRENCHLESS, PVC C900 DR18, 8 IN.	LF	328	\$125.00	\$41,000.00	\$98.00	\$32,144.00	\$130.00	\$42,640.00	\$95.40	\$31,291.20
5.05	5010-108-C-2	WATER MAIN FITTINGS	LB	3830	\$9.00	\$34,470.00	\$3.00	\$11,490.00	\$5.00	\$19,150.00	\$6.36	\$24,358.80
5.06	5020-108-A-0	VALVE, GATE, 8 IN.	EA	1	\$2,000.00	\$2,000.00	\$1,226.00	\$1,226.00	\$1,400.00	\$1,400.00	\$1,908.00	\$1,908.00
5.07	5020-108-A-0	VALVE, GATE, 16 IN.	EA	3	\$5,500.00	\$16,500.00	\$5,736.00	\$17,208.00	\$5,990.00	\$17,970.00	\$7,208.00	\$21,624.00
5.08	5020-108-C-0	FIRE HYDRANT ASSEMBLY	EA	4	\$5,000.00	\$20,000.00	\$3,961.00	\$15,844.00	\$4,870.00	\$19,480.00	\$5,300.00	\$21,200.00
5.09	5020-108-F-0	VALVE BOX EXTENSION	EA	1	\$450.00	\$450.00	\$400.00	\$400.00	\$395.00	\$395.00	\$265.00	\$265.00
5.10	2599-9999005	CONNECT TO EXISTING WATER MAIN	EA	2	\$1,500.00	\$3,000.00	\$2,569.00	\$5,138.00	\$5,775.00	\$11,550.00	\$7,208.00	\$14,416.00
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS												
6.01	6010-108-A-0	MANHOLE, STORM SEWER, SW-401, 60 IN.	EA	3	\$5,000.00	\$15,000.00	\$5,574.00	\$16,722.00	\$6,200.00	\$18,600.00	\$4,558.00	\$13,674.00
6.02	6010-108-A-0	MANHOLE, STORM SEWER, SW-403	EA	1	\$12,000.00	\$12,000.00	\$12,660.00	\$12,660.00	\$11,500.00	\$11,500.00	\$11,660.00	\$11,660.00
6.03	6010-108-B-0	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-503	EA	7	\$4,500.00	\$31,500.00	\$4,452.00	\$31,164.00	\$4,300.00	\$30,100.00	\$4,346.00	\$30,422.00
6.04	6010-108-B-0	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-503 MODIFIED	EA	5	\$10,000.00	\$50,000.00	\$8,930.00	\$44,650.00	\$5,500.00	\$27,500.00	\$6,996.00	\$34,980.00
6.05	6010-108-B-0	INTAKE, DOUBLE GRATE INTAKE WITH MANHOLE, SW-506	EA	2	\$7,000.00	\$14,000.00	\$7,430.00	\$14,860.00	\$7,500.00	\$15,000.00	\$6,890.00	\$13,780.00
6.06	6010-108-B-0	INTAKE, DOUBLE GRATE INTAKE WITH MANHOLE, SW-506 MODIFIED	EA	2	\$14,000.00	\$28,000.00	\$13,040.00	\$26,080.00	\$8,800.00	\$17,600.00	\$9,752.00	\$19,504.00
6.07	6010-108-E-0	MANHOLE ADJUSTMENT, MINOR	EA	1	\$1,000.00	\$1,000.00	\$1,627.00	\$1,627.00	\$1,300.00	\$1,300.00	\$2,120.00	\$2,120.00
6.08	6010-108-F-0	MANHOLE ADJUSTMENT, MAJOR	EA	11	\$5,000.00	\$55,000.00	\$6,470.00	\$71,170.00	\$6,500.00	\$71,500.00	\$6,466.00	\$71,126.00
DIVISION 7 - STREETS AND RELATED WORK												
7.01	7010-108-A-0	10 IN. PCC PAVEMENT, CLASS C-SUD REINFORCED W/ 8 IN. CURB	SY	20301	\$65.00	\$1,319,565.00	\$59.15	\$1,200,804.15	\$59.15	\$1,200,804.15	\$65.72	\$1,334,181.72
7.02	7010-108-E-0	CURB AND GUTTER, P.C.C., 2.5 FT.	LF	231	\$30.00	\$6,930.00	\$39.80	\$9,193.80	\$40.00	\$9,240.00	\$44.52	\$10,284.12
7.03	7030-108-C-0	SHARED USE PATH, REINFORCED PCC, 6 IN.	SY	5250	\$55.00	\$288,750.00	\$35.70	\$187,425.00	\$35.90	\$188,475.00	\$47.70	\$250,425.00
7.04	7030-108-A-0	REMOVAL OF SHARED USE PATH	SY	354	\$8.00	\$2,832.00	\$14.09	\$4,987.86	\$14.00	\$4,956.00	\$5.30	\$1,876.20
7.05	7030-108-B-0	REMOVAL OF CURB	LF	48	\$2.00	\$96.00	\$32.36	\$1,553.28	\$25.00	\$1,200.00	\$10.60	\$508.80
7.06	7030-108-G-0	DETECTABLE WARNING	SF	80	\$40.00	\$3,200.00	\$36.70	\$2,936.00	\$36.00	\$2,880.00	\$42.40	\$3,392.00
7.07	7040-108-A-0	FULL DEPTH PATCHES, 9" (MIN.) REINFORCED	SY	560	\$115.00	\$64,400.00	\$114.25	\$63,980.00	\$114.00	\$63,840.00	\$63.60	\$35,616.00
7.08	7040-108-F-0	DIAMOND GRINDING	SY	75	\$35.00	\$2,625.00	\$37.52	\$2,814.00	\$55.00	\$4,125.00	\$159.00	\$11,925.00
7.09	7040-108-H-0	PAVEMENT REMOVAL	SY	983	\$6.00	\$5,898.00	\$19.91	\$19,571.53	\$15.00	\$14,745.00	\$10.60	\$10,419.80
DIVISION 8 - TRAFFIC CONTROL												
8.01	8020-108-C-0	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	138.8	\$150.00	\$20,820.00	\$96.90	\$13,449.72	\$78.75	\$10,930.50	\$79.50	\$11,034.60
8.02	8020-108-G-0	PAINTED SYMBOLS AND LEGENDS	EA	9	\$750.00	\$6,750.00	\$153.00	\$1,377.00	\$115.00	\$1,035.00	\$116.60	\$1,049.40
8.03	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	1	\$50,000.00	\$50,000.00	\$218,762.09	\$218,762.09	\$20,700.00	\$20,700.00	\$20,882.00	\$20,882.00
8.04	2528-8445113	FLAGGERS	EACH	10	\$500.00	\$5,000.00	\$475.00	\$4,750.00	\$660.00	\$6,600.00	\$477.00	\$4,770.00
8.05	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	20	\$150.00	\$3,000.00	\$306.00	\$6,120.00	\$157.00	\$3,140.00	\$159.00	\$3,180.00



BID TABULATIONS

Client: City of West Des Moines
Project: Grand Avenue (South Jordan Creek Parkway to South 88th Street)
Project Number: 0510-056-2018
Bid Date: 5/1/2019, 2 P.M.

					ENGINEER'S ESTIMATE		Alliance Construction Group, LLC 3000 SE Grimes Boulevard, Suite 800 Grimes, Iowa 50111		Elder Corporation 5088 East University Avenue Des Moines, Iowa 50327		Concrete Technologies, Inc. 1001 SE 37th Street Grimes, Iowa 50111	
ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST \$	COST \$	UNIT COST \$	COST \$	UNIT COST \$	COST \$	UNIT COST \$	COST \$
DIVISION 2 - EARTHWORK, SUBGRADE AND SUBBASE												
2.01	2010-108-C-0	CLEARING AND GRUBBING	LS	1	\$15,000.00	\$15,000.00	\$11,500.00	\$11,500.00	\$11,000.00	\$11,000.00	\$12,100.00	\$12,100.00
2.02	2010-108-D-1	TOPSOIL, ON-SITE	CY	12159	\$7.00	\$85,113.00	\$7.50	\$91,192.50	\$7.45	\$90,584.55	\$7.85	\$95,448.15
2.03	2010-108-E-0	EXCAVATION, CLASS 10	CY	3342	\$15.00	\$50,130.00	\$4.75	\$15,874.50	\$4.70	\$15,707.40	\$4.95	\$16,542.90
2.04	2010-108-E-0	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	CY	179886	\$9.00	\$1,618,974.00	\$10.50	\$1,888,803.00	\$10.20	\$1,834,837.20	\$10.75	\$1,933,774.50
2.05	2010-108-G-0	SUBGRADE PREPARATION, 6 IN.	SY	6296	\$2.00	\$12,592.00	\$2.75	\$17,314.00	\$2.60	\$16,369.60	\$2.75	\$17,314.00
2.06	2010-108-G-0	SUBGRADE PREPARATION, 12 IN.	SY	22213	\$3.00	\$66,639.00	\$3.50	\$77,745.50	\$3.25	\$72,192.25	\$3.40	\$75,524.20
DIVISION 4 - SEWERS AND DRAINS												
4.01	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 18 IN. DIA.	LF	871	\$60.00	\$52,260.00	\$75.00	\$65,325.00	\$63.00	\$54,873.00	\$62.00	\$54,002.00
4.02	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 24 IN. DIA.	LF	117	\$75.00	\$8,775.00	\$90.00	\$10,530.00	\$78.00	\$9,126.00	\$76.75	\$8,979.75
4.03	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 30 IN. DIA.	LF	52	\$100.00	\$5,200.00	\$125.00	\$6,500.00	\$106.00	\$5,512.00	\$104.00	\$5,408.00
4.04	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 36 IN. DIA.	LF	2300	\$125.00	\$287,500.00	\$100.00	\$230,000.00	\$122.00	\$280,600.00	\$119.75	\$275,425.00
4.05	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 48 IN. DIA.	LF	162	\$235.00	\$38,070.00	\$160.00	\$25,920.00	\$167.00	\$27,054.00	\$164.00	\$26,568.00
4.06	4020-108-H-1	PRECAST PLUG, STORM SEWER, 24 IN. DIA., RCP CLASS III	EA	1	\$350.00	\$350.00	\$1,200.00	\$1,200.00	\$590.00	\$590.00	\$577.50	\$577.50
4.07	4020-108-H-1	PRECAST PLUG, STORM SEWER, 30 IN. DIA., RCP CLASS III	EA	1	\$400.00	\$400.00	\$1,250.00	\$1,250.00	\$700.00	\$700.00	\$682.50	\$682.50
4.08	4030-108-A-1	PIPE CULVERT, TRENCHED, RCP, 42 IN. DIA.	LF	240	\$200.00	\$48,000.00	\$175.00	\$42,000.00	\$137.00	\$32,880.00	\$134.50	\$32,280.00
4.09	4030-108-B-0	PIPE APRON, RCP, 36 IN. DIA.	EA	1	\$3,000.00	\$3,000.00	\$4,200.00	\$4,200.00	\$3,300.00	\$3,300.00	\$3,255.00	\$3,255.00
4.10	4030-108-B-0	PIPE APRON, RCP, 42 IN. DIA.	EA	4	\$3,500.00	\$14,000.00	\$2,700.00	\$10,800.00	\$4,200.00	\$16,800.00	\$4,095.00	\$16,380.00
4.11	4030-108-B-0	PIPE APRON, RCP, 48 IN. DIA.	EA	2	\$5,000.00	\$10,000.00	\$3,100.00	\$6,200.00	\$4,800.00	\$9,600.00	\$4,725.00	\$9,450.00
4.12	4030-108-C-0	PIPE APRON FOOTING, RCP, 36 IN. DIA.	EA	1	\$800.00	\$800.00	\$700.00	\$700.00	\$1,000.00	\$1,000.00	\$998.00	\$998.00
4.13	4030-108-C-0	PIPE APRON FOOTING, RCP, 42 IN. DIA.	EA	4	\$1,000.00	\$4,000.00	\$700.00	\$2,800.00	\$1,200.00	\$4,800.00	\$1,155.00	\$4,620.00
4.14	4030-108-C-0	PIPE APRON FOOTING, RCP, 48 IN. DIA.	EA	2	\$1,200.00	\$2,400.00	\$800.00	\$1,600.00	\$1,500.00	\$3,000.00	\$1,470.00	\$2,940.00
DIVISION 5 - WATER MAIN AND APPURTENANCES												
5.01	5010-108-A-1	WATER MAIN, TRENCHED, PVC C900 DR18, 8 IN.	LF	167	\$65.00	\$10,855.00	\$59.00	\$9,853.00	\$35.50	\$5,928.50	\$34.75	\$5,803.25
5.02	5010-108-A-1	WATER MAIN, TRENCHED, PVC C900 DR18, 16 IN.	LF	1094	\$115.00	\$125,810.00	\$72.00	\$78,768.00	\$56.50	\$61,811.00	\$55.75	\$60,990.50
5.03	5010-108-A-1	WATER MAIN, TRENCHED, CLS2 DUCTILE IRON, 16 IN.	LF	60	\$170.00	\$10,200.00	\$111.00	\$6,660.00	\$290.00	\$17,400.00	\$287.00	\$17,220.00
5.04	5010-108-A-2	WATER MAIN, TRENCHLESS, PVC C900 DR18, 8 IN.	LF	328	\$125.00	\$41,000.00	\$130.00	\$42,640.00	\$96.50	\$31,652.00	\$94.50	\$30,996.00
5.05	5010-108-C-2	WATER MAIN FITTINGS	LB	3830	\$9.00	\$34,470.00	\$9.00	\$34,470.00	\$6.40	\$24,512.00	\$6.30	\$24,129.00
5.06	5020-108-A-0	VALVE, GATE, 8 IN.	EA	1	\$2,000.00	\$2,000.00	\$2,100.00	\$2,100.00	\$1,900.00	\$1,900.00	\$1,890.00	\$1,890.00
5.07	5020-108-A-0	VALVE, GATE, 16 IN.	EA	3	\$5,500.00	\$16,500.00	\$6,800.00	\$20,400.00	\$7,300.00	\$21,900.00	\$7,140.00	\$21,420.00
5.08	5020-108-C-0	FIRE HYDRANT ASSEMBLY	EA	4	\$5,000.00	\$20,000.00	\$4,800.00	\$19,200.00	\$5,300.00	\$21,200.00	\$5,250.00	\$21,000.00
5.09	5020-108-F-0	VALVE BOX EXTENSION	EA	1	\$450.00	\$450.00	\$575.00	\$575.00	\$270.00	\$270.00	\$263.00	\$263.00
5.10	2599-9999005	CONNECT TO EXISTING WATER MAIN	EA	2	\$1,500.00	\$3,000.00	\$6,000.00	\$12,000.00	\$7,300.00	\$14,600.00	\$7,140.00	\$14,280.00
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS												
6.01	6010-108-A-0	MANHOLE, STORM SEWER, SW-401, 60 IN.	EA	3	\$5,000.00	\$15,000.00	\$4,100.00	\$12,300.00	\$4,600.00	\$13,800.00	\$4,515.00	\$13,545.00
6.02	6010-108-A-0	MANHOLE, STORM SEWER, SW-403	EA	1	\$12,000.00	\$12,000.00	\$7,500.00	\$7,500.00	\$12,000.00	\$12,000.00	\$11,550.00	\$11,550.00
6.03	6010-108-B-0	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-503	EA	7	\$4,500.00	\$31,500.00	\$4,200.00	\$29,400.00	\$4,400.00	\$30,800.00	\$4,305.00	\$30,135.00
6.04	6010-108-B-0	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-503 MODIFIED	EA	5	\$10,000.00	\$50,000.00	\$6,700.00	\$33,500.00	\$7,100.00	\$35,500.00	\$6,930.00	\$34,650.00
6.05	6010-108-B-0	INTAKE, DOUBLE GRATE INTAKE WITH MANHOLE, SW-506	EA	2	\$7,000.00	\$14,000.00	\$6,300.00	\$12,600.00	\$7,000.00	\$14,000.00	\$6,825.00	\$13,650.00
6.06	6010-108-B-0	INTAKE, DOUBLE GRATE INTAKE WITH MANHOLE, SW-506 MODIFIED	EA	2	\$14,000.00	\$28,000.00	\$9,700.00	\$19,400.00	\$9,800.00	\$19,600.00	\$9,660.00	\$19,320.00
6.07	6010-108-E-0	MANHOLE ADJUSTMENT, MINOR	EA	1	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$2,100.00	\$2,100.00	\$2,100.00	\$2,100.00
6.08	6010-108-F-0	MANHOLE ADJUSTMENT, MAJOR	EA	11	\$5,000.00	\$55,000.00	\$7,500.00	\$82,500.00	\$6,500.00	\$71,500.00	\$6,405.00	\$70,455.00
DIVISION 7 - STREETS AND RELATED WORK												
7.01	7010-108-A-0	10 IN. PCC PAVEMENT, CLASS C-SUD REINFORCED W/ 8 IN. CURB	SY	20301	\$65.00	\$1,319,565.00	\$72.00	\$1,461,672.00	\$62.00	\$1,258,662.00	\$58.00	\$1,177,458.00
7.02	7010-108-E-0	CURB AND GUTTER, P.C.C., 2.5 FT.	LF	231	\$30.00	\$6,930.00	\$35.00	\$8,085.00	\$41.50	\$9,586.50	\$39.00	\$9,009.00
7.03	7030-108-C-0	SHARED USE PATH, REINFORCED PCC, 6 IN.	SY	5250	\$55.00	\$288,750.00	\$45.00	\$236,250.00	\$37.50	\$196,875.00	\$35.00	\$183,750.00
7.04	7030-108-A-0	REMOVAL OF SHARED USE PATH	SY	354	\$8.00	\$2,832.00	\$15.50	\$5,487.00	\$15.00	\$5,310.00	\$15.75	\$5,575.50
7.05	7030-108-B-0	REMOVAL OF CURB	LF	48	\$2.00	\$96.00	\$45.00	\$2,160.00	\$41.50	\$1,992.00	\$43.75	\$2,100.00
7.06	7030-108-G-0	DETECTABLE WARNING	SF	80	\$40.00	\$3,200.00	\$50.00	\$4,000.00	\$38.50	\$3,080.00	\$36.00	\$2,880.00
7.07	7040-108-A-0	FULL DEPTH PATCHES, 9" (MIN.) REINFORCED	SY	560	\$115.00	\$64,400.00	\$135.00	\$75,600.00	\$119.50	\$66,920.00	\$112.00	\$62,720.00
7.08	7040-108-F-0	DIAMOND GRINDING	SY	75	\$35.00	\$2,625.00	\$55.00	\$4,125.00	\$52.50	\$3,937.50	\$49.00	\$3,675.00
7.09	7040-108-H-0	PAVEMENT REMOVAL	SY	983	\$6.00	\$5,898.00	\$20.00	\$19,660.00	\$19.00	\$18,677.00	\$20.00	\$19,660.00
DIVISION 8 - TRAFFIC CONTROL												
8.01	8020-108-C-0	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	138.8	\$150.00	\$20,820.00	\$90.00	\$12,492.00	\$79.00	\$10,965.20	\$78.75	\$10,930.50
8.02	8020-108-G-0	PAINTED SYMBOLS AND LEGENDS	EA	9	\$750.00	\$6,750.00	\$115.00	\$1,035.00	\$115.50	\$1,039.50	\$115.50	\$1,039.50
8.03	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	1	\$50,000.00	\$50,000.00	\$225,000.00	\$225,000.00	\$138,023.62	\$138,023.62	\$285,600.00	\$285,600.00



BID TABULATIONS

Client: City of West Des Moines
Project: Grand Avenue (South Jordan Creek Parkway to South 88th Street)
Project Number: 0510-056-2018
Bid Date: 5/1/2019, 2 P.M.

					ENGINEER'S ESTIMATE		Alliance Construction Group, LLC 3000 SE Grimes Boulevard, Suite 800 Grimes, Iowa 50111		Elder Corporation 5088 East University Avenue Des Moines, Iowa 50327		Concrete Technologies, Inc. 1001 SE 37th Street Grimes, Iowa 50111	
ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST \$	COST \$	UNIT COST \$	COST \$	UNIT COST \$	COST \$	UNIT COST \$	COST \$
8.04	2528-8445113	FLAGGERS	EACH	10	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$530.00	\$5,300.00	\$1,085.00	\$10,850.00
8.05	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	20	\$150.00	\$3,000.00	\$160.00	\$3,200.00	\$15.75	\$315.00	\$158.00	\$3,160.00
DIVISION 9 - SITE WORK AND LANDSCAPING												
9.01	9010-108-B-0	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEED., TYPE 1 (PERM. LAWN MIX)	AC	3.05	\$1,900.00	\$5,795.00	\$2,600.00	\$7,930.00	\$2,600.00	\$7,930.00	\$2,625.00	\$8,006.25
9.02	9010-108-B-0	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEED., TYPE 2 (PERM. COOL SEASON MIX.)	AC	10.46	\$1,400.00	\$14,644.00	\$2,500.00	\$26,150.00	\$2,500.00	\$26,150.00	\$2,520.00	\$26,359.20
9.03	9010-108-B-0	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEED., TYPE 5 (RURAL TEMP. EC MIX.)	AC	13.51	\$600.00	\$8,106.00	\$1,500.00	\$20,265.00	\$1,400.00	\$18,914.00	\$1,470.00	\$19,859.70
9.04	9010-108-E-0	WARRANTY	LS	1	\$5,000.00	\$5,000.00	\$6,200.00	\$6,200.00	\$5,300.00	\$5,300.00	\$6,350.00	\$6,350.00
9.05	9040-108-A-1	SWPPP PREPARATION & MANAGEMENT	LS	1	\$4,500.00	\$4,500.00	\$6,000.00	\$6,000.00	\$4,700.00	\$4,700.00	\$6,145.00	\$6,145.00
9.06	9040-108-D-1	FILTER SOCKS, 8 IN.	LF	8430	\$2.25	\$18,967.50	\$1.50	\$12,645.00	\$2.10	\$17,703.00	\$1.50	\$12,645.00
9.07	9040-108-D-2	FILTER SOCKS, REMOVAL	LF	8430	\$0.25	\$2,107.50	\$0.25	\$2,107.50	\$0.25	\$2,107.50	\$0.25	\$2,107.50
9.08	9040-108-E-0	TEMPORARY RECIP, TYPE 2.B	SY	1862	\$6.50	\$12,103.00	\$1.25	\$2,327.50	\$1.95	\$3,630.90	\$1.25	\$2,327.50
9.09	9040-108-G-1	CHECK DAM, ROCK	TON	40.5	\$56.00	\$2,268.00	\$70.00	\$2,835.00	\$67.50	\$2,733.75	\$71.50	\$2,895.75
9.10	9040-108-J-0	RIP RAP, CLASS E	TON	891	\$60.00	\$53,460.00	\$70.00	\$62,370.00	\$67.50	\$60,142.50	\$67.25	\$59,919.75
9.11	9040-108-N-1	SILT FENCE, INSTALLATION	LF	11040	\$1.50	\$16,560.00	\$1.50	\$16,560.00	\$1.35	\$14,904.00	\$1.50	\$16,560.00
9.12	9040-108-N-2	SILT FENCE, REMOVAL OF SEDIMENT	LF	883	\$0.10	\$88.30	\$0.25	\$220.75	\$0.05	\$44.15	\$0.05	\$44.15
9.13	9040-108-N-3	SILT FENCE, REMOVAL OF DEVICE	LF	8832	\$0.20	\$1,766.40	\$0.25	\$2,208.00	\$0.05	\$441.60	\$0.05	\$441.60
9.14	9040-108-O-1	STABILIZED CONSTRUCTION ENTRANCE	SY	344	\$15.00	\$5,160.00	\$65.00	\$22,360.00	\$62.00	\$21,328.00	\$40.00	\$13,760.00
9.15	9040-108-Q-2	EROSION CONTROL MULCH, HYDROMULCH	AC	13.51	\$1,200.00	\$16,212.00	\$1,300.00	\$17,563.00	\$1,100.00	\$14,861.00	\$1,260.00	\$17,022.60
9.16	9040-108-T-1	INLET PROTECTION DEVICE, INSTALLATION	EA	22	\$150.00	\$3,300.00	\$140.00	\$3,080.00	\$131.50	\$2,893.00	\$141.00	\$3,102.00
9.17	9040-108-T-2	INLET PROTECTION DEVICE, MAINTENANCE	EA	22	\$20.00	\$440.00	\$25.00	\$550.00	\$26.25	\$577.50	\$21.00	\$462.00
9.18	9060-108-E-0	REMOVAL OF FENCE	LF	331	\$4.00	\$1,324.00	\$4.25	\$1,406.75	\$4.20	\$1,390.20	\$8.25	\$2,730.75
9.19	2519-3300400	FIELD FENCE BRACE PANEL	EA	2	\$200.00	\$400.00	\$450.00	\$900.00	\$1,000.00	\$2,000.00	\$480.00	\$960.00
DIVISION 11 - MISCELLANEOUS												
11.01	11010-108-A-0	CONSTRUCTION SURVEY	LS	1	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00	\$30,000.00	\$30,000.00	\$29,925.00	\$29,925.00
11.02	11050-108-A-0	CONCRETE WASHOUT	LS	1	\$2,400.00	\$2,400.00	\$11,500.00	\$11,500.00	\$11,000.00	\$11,000.00	\$10,650.00	\$10,650.00
11.03	2599-9999005	PRIMARY HAND HOLES (48"x72"x48" DEEP)	EA	9	\$9,000.00	\$81,000.00	\$8,500.00	\$76,500.00	\$13,000.00	\$117,000.00	\$13,125.00	\$118,125.00
11.04	2599-9999005	SECONDARY HAND HOLES (30"x48"x36" DEEP)	EA	9	\$5,000.00	\$45,000.00	\$1,350.00	\$12,150.00	\$7,900.00	\$71,100.00	\$7,875.00	\$70,875.00
11.05	2599-9999009	JOINT TRENCH	LF	4220	\$65.00	\$274,300.00	\$51.50	\$217,330.00	\$289.00	\$1,219,580.00	\$290.00	\$1,223,800.00
11.06	2599-9999009	PVC SCHEDULE 40, 24 INCH	LF	1087	\$100.00	\$108,700.00	\$550.00	\$597,850.00	\$103.00	\$111,961.00	\$103.00	\$111,961.00
11.07	2599-9999009	PLACEMENT OF CONDUIT IN TRENCH (4 IN.)	LF	50640	\$6.25	\$316,500.00	\$5.25	\$265,860.00	\$8.65	\$438,036.00	\$8.72	\$441,580.80
11.08	2599-9999009	PULL ROPE WITH TRACE WIRE INSTALLATION	LF	8440	\$1.25	\$10,550.00	\$1.60	\$13,504.00	\$2.10	\$17,724.00	\$2.10	\$17,724.00
11.09	2599-9999010	TESTING OF DUCT BANK CONDUIT	LS	1	\$15,000.00	\$15,000.00	\$17,000.00	\$17,000.00	\$27,000.00	\$27,000.00	\$26,775.00	\$26,775.00
DIVISION 12 - STRUCTURES												
12.01	2102-0425071	SPECIAL BACKFILL	CY	1069	\$40.00	\$42,760.00	\$57.00	\$60,933.00	\$58.00	\$62,002.00	\$55.00	\$58,795.00
12.02	2402-0425030	GRANULAR BACKFILL	CY	561	\$30.00	\$16,830.00	\$62.00	\$34,782.00	\$63.00	\$35,343.00	\$50.50	\$28,330.50
12.03	2402-2720000	EXCAVATION, CLASS 20	CY	3438	\$20.00	\$68,760.00	\$8.25	\$28,363.50	\$8.40	\$28,879.20	\$7.50	\$25,785.00
12.04	2403-0100020	STRUCTURAL CONCRETE (RCB CULVERT)	CY	835	\$700.00	\$584,500.00	\$425.00	\$354,875.00	\$410.00	\$342,350.00	\$488.00	\$407,480.00
12.05	2404-7775000	REINFORCING STEEL	LB	126330	\$1.25	\$157,912.50	\$1.10	\$138,963.00	\$1.10	\$138,963.00	\$1.05	\$132,646.50
12.06	2519-1002048	FENCE, CHAIN LINK, VINYL COATED (BLACK)	LF	138.9	\$90.00	\$12,501.00	\$90.00	\$12,501.00	\$31.50	\$4,375.35	\$104.00	\$14,445.60

TOTAL BASE BID

\$6,507,769.20

\$7,091,076.50

\$7,474,747.47

\$7,684,670.90



BID TABULATIONS

Client: City of West Des Moines
Project: Grand Avenue (South Jordan Creek Parkway to South 88th Street)
Project Number: 0510-056-2018
Bid Date: 5/1/2019, 2 P.M.

					ENGINEER'S ESTIMATE		Absolute Concrete P.O. Box 148 Slater, Iowa 50244	
ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST \$	COST \$	UNIT COST \$	COST \$
DIVISION 2 - EARTHWORK, SUBGRADE AND SUBBASE								
2.01	2010-108-C-0	CLEARING AND GRUBBING	LS	1	\$15,000.00	\$15,000.00	\$9,020.00	\$9,020.00
2.02	2010-108-D-1	TOPSOIL, ON-SITE	CY	12159	\$7.00	\$85,113.00	\$7.85	\$95,448.15
2.03	2010-108-E-0	EXCAVATION, CLASS 10	CY	3342	\$15.00	\$50,130.00	\$4.95	\$16,542.90
2.04	2010-108-E-0	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	CY	179886	\$9.00	\$1,618,974.00	\$10.75	\$1,933,774.50
2.05	2010-108-G-0	SUBGRADE PREPARATION, 6 IN.	SY	6296	\$2.00	\$12,592.00	\$2.75	\$17,314.00
2.06	2010-108-G-0	SUBGRADE PREPARATION, 12 IN.	SY	22213	\$3.00	\$66,639.00	\$3.45	\$76,634.85
DIVISION 4 - SEWERS AND DRAINS								
4.01	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 18 IN. DIA.	LF	871	\$60.00	\$52,260.00	\$75.85	\$66,065.35
4.02	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 24 IN. DIA.	LF	117	\$75.00	\$8,775.00	\$88.15	\$10,313.55
4.03	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 30 IN. DIA.	LF	52	\$100.00	\$5,200.00	\$120.95	\$6,289.40
4.04	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 36 IN. DIA.	LF	2300	\$125.00	\$287,500.00	\$98.40	\$226,320.00
4.05	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 48 IN. DIA.	LF	162	\$235.00	\$38,070.00	\$161.95	\$26,235.90
4.06	4020-108-H-1	PRECAST PLUG, STORM SEWER, 24 IN. DIA., RCP CLASS III	EA	1	\$350.00	\$350.00	\$1,155.00	\$1,155.00
4.07	4020-108-H-1	PRECAST PLUG, STORM SEWER, 30 IN. DIA., RCP CLASS III	EA	1	\$400.00	\$400.00	\$1,220.00	\$1,220.00
4.08	4030-108-A-1	PIPE CULVERT, TRENCHED, RCP, 42 IN. DIA.	LF	240	\$200.00	\$48,000.00	\$178.00	\$42,720.00
4.09	4030-108-B-0	PIPE APRON, RCP, 36 IN. DIA.	EA	1	\$3,000.00	\$3,000.00	\$4,205.00	\$4,205.00
4.10	4030-108-B-0	PIPE APRON, RCP, 42 IN. DIA.	EA	4	\$3,500.00	\$14,000.00	\$2,720.00	\$10,880.00
4.11	4030-108-B-0	PIPE APRON, RCP, 48 IN. DIA.	EA	2	\$5,000.00	\$10,000.00	\$3,075.00	\$6,150.00
4.12	4030-108-C-0	PIPE APRON FOOTING, RCP, 36 IN. DIA.	EA	1	\$800.00	\$800.00	\$895.00	\$895.00
4.13	4030-108-C-0	PIPE APRON FOOTING, RCP, 42 IN. DIA.	EA	4	\$1,000.00	\$4,000.00	\$705.00	\$2,820.00
4.14	4030-108-C-0	PIPE APRON FOOTING, RCP, 48 IN. DIA.	EA	2	\$1,200.00	\$2,400.00	\$810.00	\$1,620.00
DIVISION 5 - WATER MAIN AND APPURTENANCES								
5.01	5010-108-A-1	WATER MAIN, TRENCHED, PVC C900 DR18, 8 IN.	LF	167	\$65.00	\$10,855.00	\$59.45	\$9,928.15
5.02	5010-108-A-1	WATER MAIN, TRENCHED, PVC C900 DR18, 16 IN.	LF	1094	\$115.00	\$125,810.00	\$71.75	\$78,494.50
5.03	5010-108-A-1	WATER MAIN, TRENCHED, CL52 DUCTILE IRON, 16 IN.	LF	60	\$170.00	\$10,200.00	\$112.25	\$6,735.00
5.04	5010-108-A-2	WATER MAIN, TRENCHLESS, PVC C900 DR18, 8 IN.	LF	328	\$125.00	\$41,000.00	\$127.10	\$41,688.80
5.05	5010-108-C-2	WATER MAIN FITTINGS	LB	3830	\$9.00	\$34,470.00	\$8.85	\$33,895.50
5.06	5020-108-A-0	VALVE, GATE, 8 IN.	EA	1	\$2,000.00	\$2,000.00	\$2,090.00	\$2,090.00
5.07	5020-108-A-0	VALVE, GATE, 16 IN.	EA	3	\$5,500.00	\$16,500.00	\$6,800.00	\$20,400.00
5.08	5020-108-C-0	FIRE HYDRANT ASSEMBLY	EA	4	\$5,000.00	\$20,000.00	\$4,815.00	\$19,260.00
5.09	5020-108-F-0	VALVE BOX EXTENSION	EA	1	\$450.00	\$450.00	\$565.00	\$565.00
5.10	2599-9999005	CONNECT TO EXISTING WATER MAIN	EA	2	\$1,500.00	\$3,000.00	\$5,930.00	\$11,860.00
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS								
6.01	6010-108-A-0	MANHOLE, STORM SEWER, SW-401, 60 IN.	EA	3	\$5,000.00	\$15,000.00	\$4,070.00	\$12,210.00
6.02	6010-108-A-0	MANHOLE, STORM SEWER, SW-403	EA	1	\$12,000.00	\$12,000.00	\$7,330.00	\$7,330.00
6.03	6010-108-B-0	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-503	EA	7	\$4,500.00	\$31,500.00	\$4,100.00	\$28,700.00
6.04	6010-108-B-0	INTAKE, SINGLE GRATE INTAKE WITH MANHOLE, SW-503 MODIFIED	EA	5	\$10,000.00	\$50,000.00	\$6,669.00	\$33,345.00
6.05	6010-108-B-0	INTAKE, DOUBLE GRATE INTAKE WITH MANHOLE, SW-506	EA	2	\$7,000.00	\$14,000.00	\$6,305.00	\$12,610.00
6.06	6010-108-B-0	INTAKE, DOUBLE GRATE INTAKE WITH MANHOLE, SW-506 MODIFIED	EA	2	\$14,000.00	\$28,000.00	\$9,750.00	\$19,500.00
6.07	6010-108-E-0	MANHOLE ADJUSTMENT, MINOR	EA	1	\$1,000.00	\$1,000.00	\$1,130.00	\$1,130.00
6.08	6010-108-F-0	MANHOLE ADJUSTMENT, MAJOR	EA	11	\$5,000.00	\$55,000.00	\$7,510.00	\$82,610.00
DIVISION 7 - STREETS AND RELATED WORK								
7.01	7010-108-A-0	10 IN. PCC PAVEMENT, CLASS C-SUD REINFORCED W/ 8 IN. CURB	SY	20301	\$65.00	\$1,319,565.00	\$69.00	\$1,400,769.00
7.02	7010-108-E-0	CURB AND GUTTER, P.C.C., 2.5 FT.	LF	231	\$30.00	\$6,930.00	\$52.50	\$12,127.50
7.03	7030-108-C-0	SHARED USE PATH, REINFORCED PCC, 6 IN.	SY	5250	\$55.00	\$288,750.00	\$44.50	\$233,625.00
7.04	7030-108-A-0	REMOVAL OF SHARED USE PATH	SY	354	\$8.00	\$2,832.00	\$15.80	\$5,593.20
7.05	7030-108-B-0	REMOVAL OF CURB	LF	48	\$2.00	\$96.00	\$44.00	\$2,112.00
7.06	7030-108-G-0	DETECTABLE WARNING	SF	80	\$40.00	\$3,200.00	\$35.00	\$2,800.00
7.07	7040-108-A-0	FULL DEPTH PATCHES, 9" (MIN.) REINFORCED	SY	560	\$115.00	\$64,400.00	\$160.00	\$89,600.00
7.08	7040-108-F-0	DIAMOND GRINDING	SY	75	\$35.00	\$2,625.00	\$49.00	\$3,675.00
7.09	7040-108-H-0	PAVEMENT REMOVAL	SY	983	\$6.00	\$5,898.00	\$20.00	\$19,660.00
DIVISION 8 - TRAFFIC CONTROL								
8.01	8020-108-C-0	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	138.8	\$150.00	\$20,820.00	\$77.00	\$10,687.60
8.02	8020-108-G-0	PAINTED SYMBOLS AND LEGENDS	EA	9	\$750.00	\$6,750.00	\$115.00	\$1,035.00
8.03	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	1	\$50,000.00	\$50,000.00	\$45,000.00	\$45,000.00
8.04	2528-8445113	FLAGGERS	EACH	10	\$500.00	\$5,000.00	\$480.00	\$4,800.00
8.05	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	20	\$150.00	\$3,000.00	\$155.00	\$3,100.00



BID TABULATIONS

Client: City of West Des Moines
Project: Grand Avenue (South Jordan Creek Parkway to South 88th Street)
Project Number: 0510-056-2018
Bid Date: 5/1/2019, 2 P.M.

					ENGINEER'S ESTIMATE		Absolute Concrete P.O. Box 148 Slater, Iowa 50244	
ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST \$	COST \$	UNIT COST \$	COST \$
DIVISION 9 - SITE WORK AND LANDSCAPING								
9.01	9010-108-B-0	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEED, TYPE 1 (PERM. LAWN MIX)	AC	3.05	\$1,900.00	\$5,795.00	\$3,500.00	\$10,675.00
9.02	9010-108-B-0	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEED, TYPE 2 (PERM. COOL SEASON MIX.)	AC	10.46	\$1,400.00	\$14,644.00	\$2,500.00	\$26,150.00
9.03	9010-108-B-0	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEED, TYPE 5 (RURAL TEMP. EC MIX.)	AC	13.51	\$600.00	\$8,106.00	\$2,250.00	\$30,397.50
9.04	9010-108-E-0	WARRANTY	LS	1	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00
9.05	9040-108-A-1	SWPPP PREPARATION & MANAGEMENT	LS	1	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
9.06	9040-108-D-1	FILTER SOCKS, 8 IN.	LF	8430	\$2.25	\$18,967.50	\$3.50	\$29,505.00
9.07	9040-108-D-2	FILTER SOCKS, REMOVAL	LF	8430	\$0.25	\$2,107.50	\$0.50	\$4,215.00
9.08	9040-108-E-0	TEMPORARY REC.P, TYPE 2.B	SY	1862	\$6.50	\$12,103.00	\$4.00	\$7,448.00
9.09	9040-108-G-1	CHECK DAM, ROCK	TON	40.5	\$56.00	\$2,268.00	\$75.00	\$3,037.50
9.10	9040-108-J-0	RIP RAP, CLASS E	TON	891	\$60.00	\$53,460.00	\$71.00	\$63,261.00
9.11	9040-108-N-1	SILT FENCE, INSTALLATION	LF	11040	\$1.50	\$16,560.00	\$1.50	\$16,560.00
9.12	9040-108-N-2	SILT FENCE, REMOVAL OF SEDIMENT	LF	883	\$0.10	\$88.30	\$0.05	\$44.15
9.13	9040-108-N-3	SILT FENCE, REMOVAL OF DEVICE	LF	8832	\$0.20	\$1,766.40	\$0.05	\$441.60
9.14	9040-108-O-1	STABILIZED CONSTRUCTION ENTRANCE	SY	344	\$15.00	\$5,160.00	\$66.00	\$22,704.00
9.15	9040-108-Q-2	EROSION CONTROL MULCH, HYDROMULCH	AC	13.51	\$1,200.00	\$16,212.00	\$1,750.00	\$23,642.50
9.16	9040-108-T-1	INLET PROTECTION DEVICE, INSTALLATION	EA	22	\$150.00	\$3,300.00	\$175.00	\$3,850.00
9.17	9040-108-T-2	INLET PROTECTION DEVICE, MAINTENANCE	EA	22	\$20.00	\$440.00	\$25.00	\$550.00
9.18	9060-108-E-0	REMOVAL OF FENCE	LF	331	\$4.00	\$1,324.00	\$3.75	\$1,241.25
9.19	2519-3300400	FIELD FENCE BRACE PANEL	EA	2	\$200.00	\$400.00	\$500.00	\$1,000.00
DIVISION 11 - MISCELLANEOUS								
11.01	11010-108-A-0	CONSTRUCTION SURVEY	LS	1	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00
11.02	11050-108-A-0	CONCRETE WASHOUT	LS	1	\$2,400.00	\$2,400.00	\$10,000.00	\$10,000.00
11.03	2599-9999005	PRIMARY HAND HOLES (48"x72"x48" DEEP)	EA	9	\$9,000.00	\$81,000.00	\$12,850.00	\$115,650.00
11.04	2599-9999005	SECONDARY HAND HOLES (30"x48"x36" DEEP)	EA	9	\$5,000.00	\$45,000.00	\$7,690.00	\$69,210.00
11.05	2599-9999009	JOINT TRENCH	LF	4220	\$65.00	\$274,300.00	\$285.00	\$1,202,700.00
11.06	2599-9999009	PVC SCHEDULE 40, 24 INCH	LF	1087	\$100.00	\$108,700.00	\$100.45	\$109,189.15
11.07	2599-9999009	PLACEMENT OF CONDUIT IN TRENCH (4 IN.)	LF	50640	\$6.25	\$316,500.00	\$8.50	\$430,440.00
11.08	2599-9999009	PULL ROPE WITH TRACE WIRE INSTALLATION	LF	8440	\$1.25	\$10,550.00	\$2.05	\$17,302.00
11.09	2599-9999010	TESTING OF DUCT BANK CONDUIT	LS	1	\$15,000.00	\$15,000.00	\$26,500.00	\$26,500.00
DIVISION 12 - STRUCTURES								
12.01	2102-0425071	SPECIAL BACKFILL	CY	1069	\$40.00	\$42,760.00	\$56.50	\$60,398.50
12.02	2402-0425030	GRANULAR BACKFILL	CY	561	\$30.00	\$16,830.00	\$61.50	\$34,501.50
12.03	2402-2720000	EXCAVATION, CLASS 20	CY	3438	\$20.00	\$68,760.00	\$8.20	\$28,191.60
12.04	2403-0100020	STRUCTURAL CONCRETE (RCB CULVERT)	CY	835	\$700.00	\$584,500.00	\$405.00	\$338,175.00
12.05	2404-7775000	REINFORCING STEEL	LB	126330	\$1.25	\$157,912.50	\$1.10	\$138,963.00
12.06	2519-1002048	FENCE, CHAIN LINK, VINYL COATED (BLACK)	LF	138.9	\$90.00	\$12,501.00	\$87.00	\$12,084.30

TOTAL BASE BID

\$6,507,769.20

\$7,698,087.40



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Michael A. Jackson

5/1/2019

MICHAEL A. JACKSON, P.E.

DATE

License Number: 10691

My license renewal date is December 31, 2020

Pages or sheets covered by this seal: All sheets included within the estimate.